

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
                        Yukihiko OKUMURA et al.         )  
                        )  
Serial No.:        09/701,705                         ) Art Unit  
                        ) 2611  
Filing Date:      December 1, 2000                     )  
                        )  
For:                CHANNEL ESTIMATION DEVICE AND  
                      METHOD, DEMODULATION DEVICE AND  
                      METHOD, AND FADING FREQUENCY  
                      DECISION DEVICE AND METHOD                 )  
                        )  
Confirmation No.:   7195                                 )  
                        )  
Examiner:           Qutbuddin Ghulamali                 )  
                        )  
Customer No.:      022913                                 )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), a concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided. The concise explanation for Japanese Publication No.: WO99/27672 is provided in the English language abstract of that publication.

In accordance with 37 C.F.R. § 1.97(c), Payment using the Credit Card payment option in E-Filer with RAM will be used for payment to secure consideration of the references submitted with this Information Disclosure Statement. Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 13<sup>th</sup> day of October, 2006.

Respectfully submitted,

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